



March 20, 2012

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The Formula SAE Tire Test Consortium (FSAE TTC)
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FSAE TTC Members,

This cover letter references the testing conducted at the Calspan Tire Research Facility (TIRF). This testing was conducted as contract number CT0173.0000.1464, TIRF project number 1464. All data and material will reference the 1464 number. Testing was conducted in February 2012. Testing was witnessed by Dr. Edward Kasprzak, FSAE TTC contact for TIRF. As of this time 5 tire types were tested for a total of approximately 4 test days. Specific details of the tires and tests are available in the Test Schedule found in the 1464 Summary Table excel file listed below.

The following are included on the ftp site:

- 1) Cover Letter
- 2) 1464 Summary Table Excel : contains test schedule, tire information, spring rate and cornering stiffness values
- 3) Cornering Folder:
 - ASCII files;
 - English units (file names start with "A")
 - SI units (file names start with "B")
- 4) Braking Folder
 - ASCII files;
 - English units (file names start with "A")
 - SI units (file names start with "B")
- 5) Video on DVD-Roms
- 6) TIRF Reference documents: describes TIRF machine, history, data acronyms and mathematical definitions. Also description of TIRF "SA" procedure.

As stated on the FSAE TTC web-page:

USE OF THE DATA

FSAE teams are free to use this data in the design and construction of their FSAE entries, other school projects and related activities. **Any publication or presentation of the tire data must acknowledge Calspan and the FSAE TTC.**

Please see the FSAE TTC web-page for more FSAE TTC requirements.

Follow up questions may be directed to Dr. Edward Kasprzak. If the question cannot be answered by Dr. Kasprzak they may be forwarded to me at the contact info below.

Safer Highways...Safer Skies

Calspan would welcome the opportunity to work with all of you in the future through the FSAE TTC or in future professional assignments. Calspan would like to thank Dr. Edward Kasprzak, Mr. Douglas Milliken and Dr. Bob Woods for all their efforts to make this project possible and efficient.

Sincerely,

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